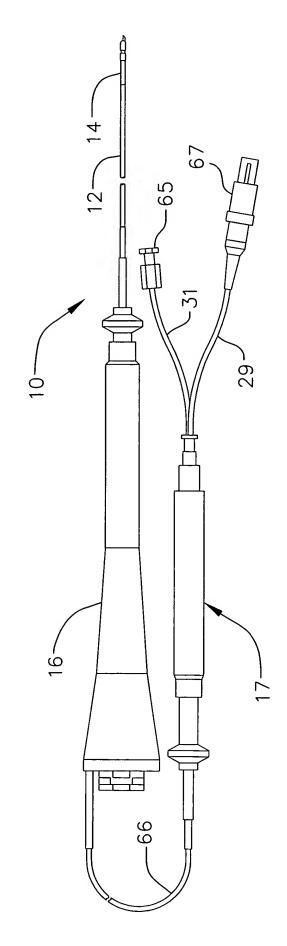
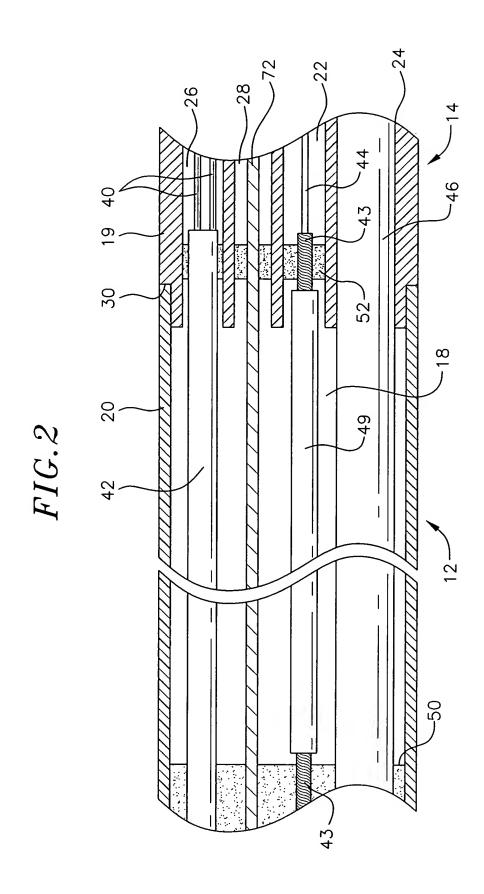
Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 1 of 15

Sheet 1 of 15



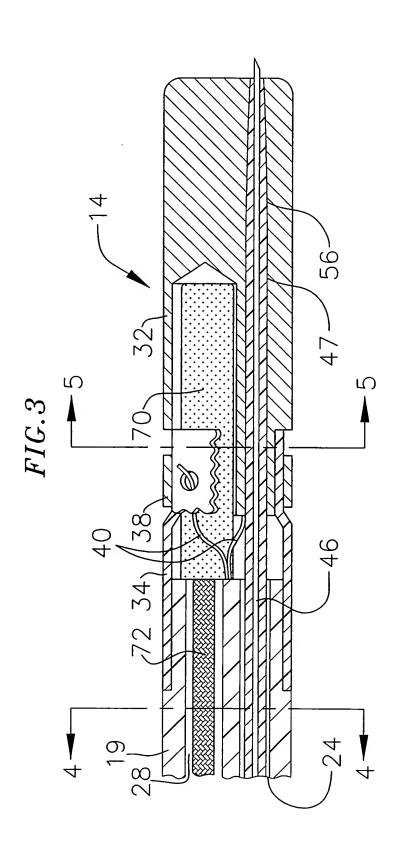
Attomey: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 2 of 15

Sheet 2 of 15



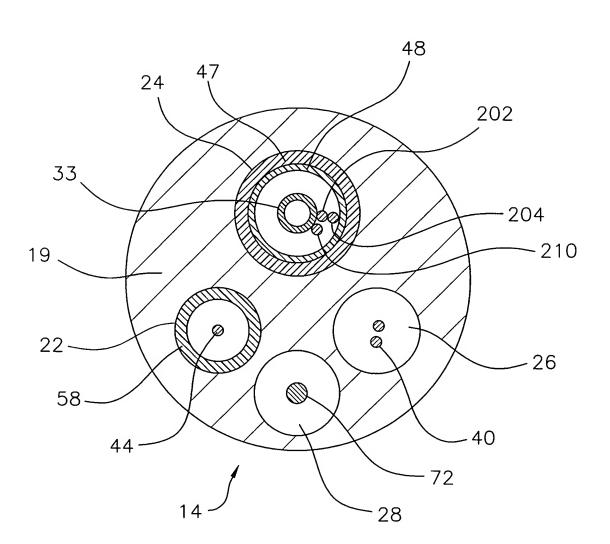
Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE

Sheet 3 of 15



Attomey: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 4 of 15

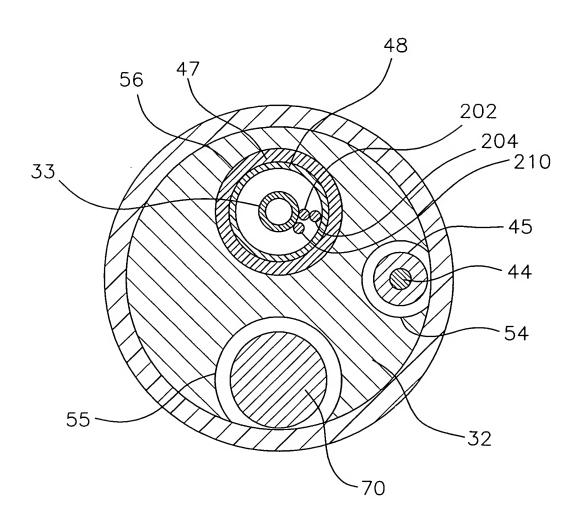
FIG.4



Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 5 of 15

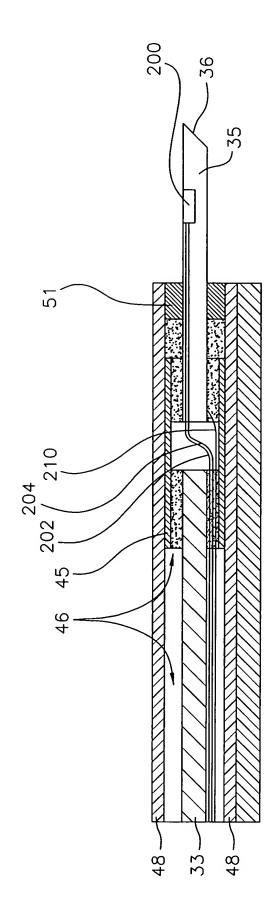
Sheet 5 of 15

FIG.5

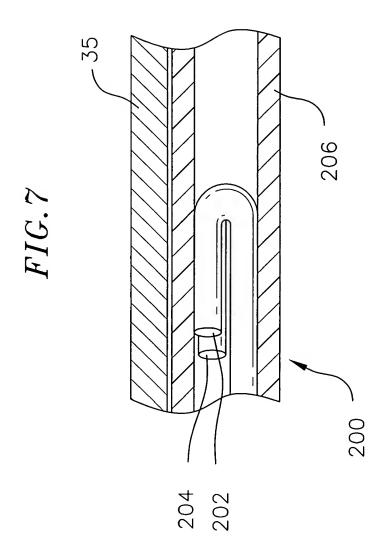


Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 6 of 15

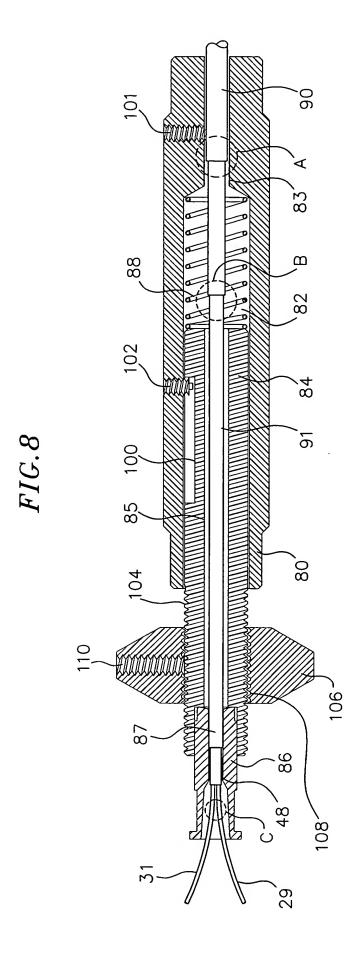
Sheet 6 of 15



Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 7 of 15



Attorney: Kathleen M. Olster Docket No.: 50160/KMO/W112 Inventor(s): Robert Pike, John Sapp and William Stevenson Title: METHOD FOR ABLATING WITH NEEDLE ELECTRODE Sheet 8 of 15



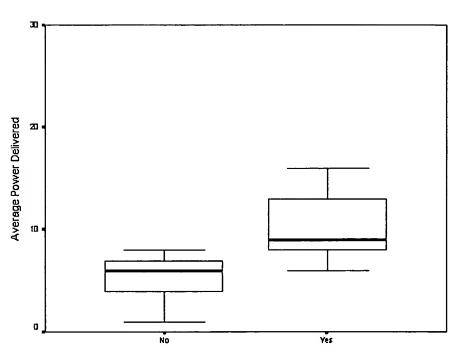
Attomey: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 9 of 15

മ FIG.8AREA B91 87. 48 33 202. 90, 9

Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 10 of 15

Sheet 10 of 15

FIG. 9

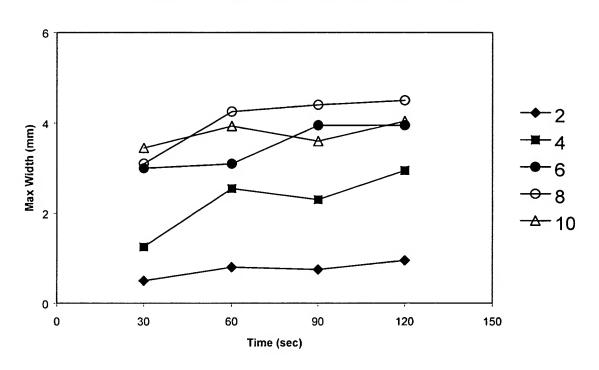


Presence of Pop

Attorney: Kathleen M. Olster Docket No.: 50160/KMO/W112 Inventor(s): Robert Pike, John Sapp and William Stevenson Title: METHOD FOR ABLATING WITH NEEDLE ELECTRODE Sheet 11 of 15

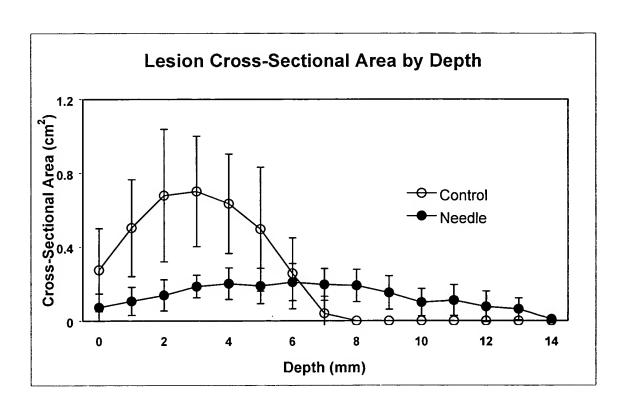
FIG. 10

Maximum Lesion Width by Power and Duration



Attorney: Kathleen M. Olster Docket No.: 50160/KMO/W112 Inventor(s): Robert Pike, John Sapp and William Stevenson Title: METHOD FOR ABLATING WITH NEEDLE ELECTRODE Sheet 12 of 15

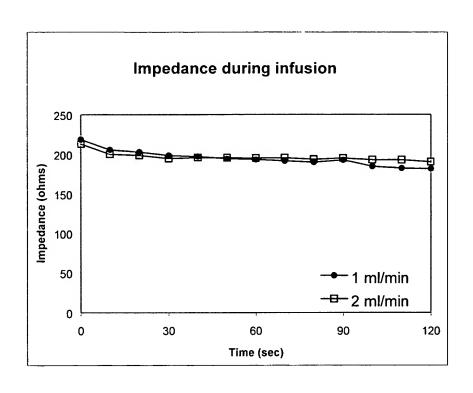
FIG. 11



Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 13 of 15

Sheet 13 of 15

FIG. 12

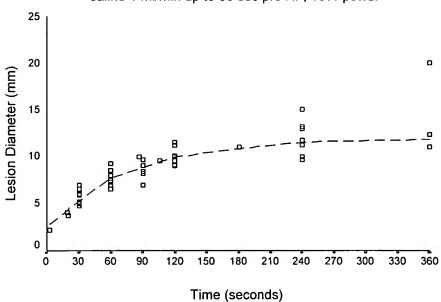


Attorney: Kathleen M. Olster Docket No.: 50160/KMO/W112 Inventor(s): Robert Pike, John Sapp and William Stevenson Title: METHOD FOR ABLATING WITH NEEDLE ELECTRODE Sheet 14 of 15

FIG. 13

Saline Infusion and Needle Ablation: In Vitro

saline 1 ml/min up to 60 sec pre RF, 10W power



Attorney: Kathleen M. Olster
Docket No.: 50160/KMO/W112
Inventor(s): Robert Pike, John Sapp and William
Stevenson
Title: METHOD FOR ABLATING WITH NEEDLE
ELECTRODE
Sheet 15 of 15

Sheet 15 of 15

FIG. 14

